**GENERAL EDUCATION REQUIREMENTS (41)**

**Area I - Oral Communications (3)**
Pick one of the following: COMM 110, THR 250  
Course: _____________________________ (3)  
**or Transfer: TGE (COMM 175)**

**Area I - Written Communications (6)**
ENGL 101 Comp & Rhetoric I (3)  
ENGL 102 Comp & Rhetoric II (3)  
**or Transfer: TGE (ENGL 175) for ENGL 102 only**

**Area II - Mathematics (3)**
MATH 105, 106, 121, 131, 132 or 171  
Course: _____________________________ ( )  
**This requirement is fulfilled by the major core requirements**  
**or Transfer: TGE (MATH 175)**

**Area III - Laboratory Science (8)**
Pick two courses (plus labs) from the following:  
BIOL 101, 102, 202, 204, 206; CHEM 121, 151, 152  
BIOL 254, 255; PHSC 101, 115, 171  
GEOL 101, 102, 105, 201; PHYS 151, 152, 171, 172  
Course: _____________________________ (4)  
Course: _____________________________ (4)  
**or TGE (BIOL 175, CHEM 175, GEOL 175, PHSC 175, PHYS 175)**

**Area IV - Social and Behavioral Sciences (6-9)**
Pick 2-3 courses from different groups of the following:  
1) ANTH 201, 202, 212/214#; GEOG 201, 202, 205  
2) ECON 201, 202  
3) POLS 201, 202  
4) PSY 102  
5) SOC 101, 102, CJUS 111, SWK 101#  
Course: _____________________________ (3)  
Course: _____________________________ (3)  
Course: _____________________________ (3)  
**or Transfer TGE (ANTH 175, ECON 175, GEOG 175, POLS 175, PSY 175, SOC 175)**  
# Pending approval

**BS Requirement**  
MATH, CMPS (any 2 courses beyond Gen. Ed)  
**This requirement is fulfilled by the major core requirements**

**Area V - Humanities and Fine Arts (9-12)**
Pick 3-4 courses from at least 3 separate categories below:  

1) **History**  
   HIST 111, 112, 201, 202  
   Course: _____________________________ (3)  
   Course: _____________________________ (3)  
   **or Transfer: TGE (HIST 175)**

2) **Literature**  
   ENGL 200, 201, 205, 225, 240, 265, 293, 294, 296, 297  
   Course: _____________________________ (3)  
   Course: _____________________________ (3)  
   **or Transfer: TGE (ENGL 275)**

3) **Aesthetics (Art, Music, Theater)**  
   ART 211, 241#, 261#; MUSC 111, 119; THR 110, 136, 211  
   Course: _____________________________ ( )  
   Course: _____________________________ ( )  
   **or Transfer: TGE (ART 175, MUSC 175, THR 175, HUM 175)**

4) **Philosophy**  
   PHIL 100, 101, 200  
   Course: _____________________________ (3)  
   Course: _____________________________ (3)  
   **or Transfer: TGE (PHIL 175)**

**Computer Literacy (3)**
Pick either CMPS 110 or 111, or take a challenge exam.  
Course: _____________________________ (3)  
**or Transfer: TGE (CMPS 175)**

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**BA Requirement (3 credits minimum)**
Completion of one of the following: SPAN 202, SPAN 252, SPAN 214 or any upper level Spanish course.  
Course: _____________________________ (3)  
Course: _____________________________ (3)  

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*Includes 35 hours of the NM Common Core plus 6 additional WNMU hours  
**The total credits from Area IV and Area V must be 18 hours.  
Note: TGE = Transferred General Education courses listed by HED or other transfer agreements, but with no WNMU equivalent
Select one of the following groups of lab science courses (may count as Gen'1 Ed Lab Science), plus CMPS 170.

- CHEM 151/153 and 152/154 General Chemistry I & II (Course: (4))
- PHYS 151/153 and 152/154 General Physics I & II (Course: (4))
- PHYS 171/173 and 172/174 Principles of Physics I & II CMPS 170 Prog Fundamentals (3)

Majors take the Mathematics Core Requirements plus one of the three concentrations.

**MATHEMATICS CORE REQUIREMENTS (22-28 credits)**

<table>
<thead>
<tr>
<th>Course (Credits)</th>
<th>Sem/Year</th>
<th>Grade</th>
<th>Course (Credits)</th>
<th>Sem/Year</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 131 College Algebra*</td>
<td>(3)</td>
<td></td>
<td>MATH 210 Fndtns Math Thkg</td>
<td>(3)</td>
<td></td>
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<tr>
<td>MATH 132 Trigonometry*</td>
<td>(3)</td>
<td></td>
<td>MATH 271 Calculus III</td>
<td>(4)</td>
<td></td>
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<tr>
<td>MATH 171 Calculus I</td>
<td>(5)</td>
<td></td>
<td>MATH 321 Statistics</td>
<td>(3)</td>
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<tr>
<td>MATH 172 Calculus II</td>
<td>(4)</td>
<td></td>
<td>MATH 496 Sr Project &amp; Sem.</td>
<td>(3)</td>
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</table>

* may be waived for students with the proper background

1. **Statistics/Actuarial Science (15 credits)**

<table>
<thead>
<tr>
<th>Course (Credits)</th>
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<th>Grade</th>
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<tbody>
<tr>
<td>MATH 312 Comp Linear Alg</td>
<td>(3)</td>
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<td>(3)</td>
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<tr>
<td>MATH 323 Differential Eqtns</td>
<td>(3)</td>
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<td>MATH 421 Adv Apld Statistics</td>
<td>(3)</td>
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<tr>
<td>MATH 421 Adv Apld Statistics</td>
<td>(3)</td>
<td></td>
<td>MATH 410 Abstract Math</td>
<td>(3)</td>
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<tr>
<td>MATH 471 Prob &amp; Statistics I</td>
<td>(3)</td>
<td></td>
<td>or MATH 417 Numerical Anal.</td>
<td>(3)</td>
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<tr>
<td>MATH 472 Prob &amp; Statistics II</td>
<td>(3)</td>
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<td>MATH 431 Math Modeling</td>
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2. **Applied Mathematics (15 credits)**

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<tr>
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</tr>
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<tbody>
<tr>
<td>MATH 304 Math for Sec Teach</td>
<td>(3)</td>
<td></td>
<td>MATH 312 Comp Linear Alg</td>
<td>(3)</td>
<td></td>
</tr>
<tr>
<td>MATH 327 Survey of Geometry</td>
<td>(3)</td>
<td></td>
<td>MATH 323 Differential Eqtns</td>
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<tr>
<td>or MATH 410 Abstract Math</td>
<td>(3)</td>
<td></td>
<td>Select 6 more credit hours of upper division MATH courses</td>
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3. **Mathematics Education (Secondary) (15 credit hours)**

<table>
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<tr>
<th>Course (Credits)</th>
<th>Sem/Year</th>
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<tr>
<td>or MATH 410 Abstract Math</td>
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<td>Select 6 more credit hours of upper division MATH courses</td>
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</table>

MINOR DEGREE COURSES (18-24 hours outside the Mathematics discipline)

<table>
<thead>
<tr>
<th>Course</th>
<th>Number of Credits</th>
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<tbody>
<tr>
<td>Attach degree plan worksheet for your minor, with course details</td>
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**ADDITIONAL COURSES (to fulfill the 128 hour requirement)**

<table>
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Student Success Seminar: ACAD 101 (3 credits)
Upper Division Hours (54 minimum): (6 hours must be outside of major and minor disciplines)
Writing Intensive Hours (12 minimum): 

Total Hours (128 minimum required): 
Copy to Registrar on (date): 
Grad. Audit sent on (date): 
Updated on (date): 

Student Signature: date: 
Advisor Signature: date: 

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